

HISTORIC AMERICAN ENGINEERING RECORD

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Index to Photographs

Van Duzen River Bridge (Alton Bridge)

HAER No. CA-129

Spanning Van Duzen River on California State Highway 101

Alton vicinity

Humboldt County

California

The following aerial photographs, CA-129-1 and CA-129-2, were taken by Lynn Harrison, photographer, 1991

- CA-129-1 CONTEXTUAL VIEW OF BRIDGE IN SETTING, LOOKING EAST FROM
DOWNSTREAM. DOWNSTREAM HIGHWAY BRIDGE DATES FROM 1952,
UPSTREAM RAILROAD BRIDGE DATES FROM 1913
- CA-129-2 CONTEXTUAL VIEW OF BRIDGE IN SETTING, LOOKING NORTHWEST FROM
UPSTREAM

The following terrestrial photographs, CA-129-3 through CA-129-15, were taken by Don Tateishi, photographer, 1991:

- CA-129-3 CONTEXTUAL VIEW OF BRIDGE IN SETTING, LOOKING SOUTHWEST FROM
ELEVATED GRADE OF EUREKA SOUTHERN RAILROAD. EUREKA SOUTHERN
TRUSS BRIDGE AT EXTREME LEFT, 1924 HIGHWAY BRIDGE IN CENTER, 1952
HIGHWAY BRIDGE AT RIGHT
- CA-129-4 OBLIQUE VIEW OF UPSTREAM ELEVATION, LOOKING WEST FROM EUREKA
SOUTHERN RAILROAD BRIDGE
- CA-129-5 OBLIQUE VIEW OF UPSTREAM ELEVATION, LOOKING SOUTHWEST FROM RIVER
BANK
- CA-129-6 OBLIQUE VIEW OF UPSTREAM ELEVATION, LOOKING NORTH FROM EUREKA
SOUTHERN RAILROAD BRIDGE
- CA-129-7 VIEW OF SOUTHERN APPROACH, LOOKING NORTH
- CA-129-8 OBLIQUE VIEW OF DOWNSTREAM ELEVATION, LOOKING NORTHEAST
- CA-129-9 VIEW, LOOKING SOUTH OF DOWNSTREAM SIDES OF ALL THREE BRIDGES,
SHOWING PROXIMITY OF BRIDGE TO ONE ANOTHER
- CA-129-10 OBLIQUE VIEW OF DOWNSTREAM ELEVATION, LOOKING SOUTH FROM
BENEATH 1952 HIGHWAY BRIDGE
- CA-129-11 OBLIQUE VIEW SHOWING DOWNSTREAM SIDE OF BRIDGE, LOOKING SOUTH-
SOUTHWEST

- CA-129-12 DETAIL VIEW OF BRIDGE, SHOWING SPRING LINE OF SPANS FROM CROWN OF MID-CHANNEL PIER, PAIRED COLUMNS SUPPORTING DECK, ARCHED WINDOW RAILING, LOOKING WEST-NORTHWEST FROM EUREKA SOUTHERN RAILROAD BRIDGE. CABLES VISIBLE IN BACKGROUND ARE EARTHQUAKE RESTRAINERS RETROFITTED TO 1952 HIGHWAY BRIDGE, WHICH FUNCTIONED AS DESIGNED IN APRIL 1992 TEMBLOR
- CA-129-13 DETAIL VIEW OF A TYPICAL PIER ON DOWNSTREAM SIDE OF BRIDGE, LOOKING EAST-SOUTHEAST
- CA-129-14 VIEW SHOWING UNDERSIDE OF APPROACH SPANS, LOOKING NORTHEAST
- CA-129-15 DETAIL VIEW OF REMNANT OF LALLY-COLUMN THAT SUPPORTED THE 1901 TRUSS BRIDGE WHICH WAS SUBSEQUENTLY REPLACED BY CONCRETE ARCH BRIDGE IN 1924, LOOKING WEST FROM NORTH BANK OF RIVER

The following are photocopies of historic plans. Microfilm copies of original drawings are located at the California Department of Transportation, Sacramento, California.

- CA-129-16 LOCATION PLAN. August 27, 1923
- CA-129-17 GENERAL PLAN. MARCH 4, 1924
- CA-129-18 ELEVATIONS OF ARCH RING. March 4, 1924
- CA-129-19 DETAILS OF ARCH. March 4, 1924
- CA-129-20 PIERS AND ABUTMENTS. March 4, 1924
- CA-129-21 DETAILS AND STEEL LIST. March 4, 1924
- CA-129-22 APPROACH SPANS. March 4, 1924
- CA-129-23 DETAILS. March 4, 1924
- CA-129-24 REVISED CONSTRUCTION OF NO. ABUTMENT. December 4, 1924
- CA-129-25 REVISED RAILING DETAILS. ca. 1924

The following is a photocopy of a historic photograph. Original photograph is located at the California Department of Transportation, Sacramento, California.

- CA-129-26 VIEW OF 1901 TRUSS BRIDGE, TAKEN IN 1914, LOOKING SOUTH-SOUTHWEST.
[Compare with CA-129-3] Caltrans negative number 10692-10.